



SHEET 1 OF 19

FORM PTO-1449

INFORMATION DISCLOSURE
CITATION IN AN APPLICATIONDOCKET NUMBER
ACM 347APPLICATION NUMBER
10/734,017APPLICANTS
Randall J. Huebner and Steven P. HorstFILING DATE
December 10, 2003GROUP ART UNIT
3732

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>Q</i>	583,455	6/1/1897	Bush			
	1,201,864	10/17/16	Overmeyer			
	1,789,060	1/13/31	Weisenbach			
	1,869,726	8/2/32	Youngren			
	1,869,972	8/2/32	Kline			
	1,880,945	10/4/32	Ettinger			
	1,997,466	4/9/35	Longfellow			
	2,024,325	12/17/35	Allen			
	2,091,643	8/31/37	Longfellow			
<i>Q</i>	2,214,490	9/10/40	Thomas			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
<i>Q</i>	2 553 996	3/18/85	France			XX	
<i>Q</i>	2 701 838	9/2/94	France			XX	

OTHER DOCUMENTS

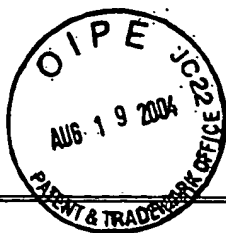
<i>Q</i>		<i>The Closed Treatment of Common Fractures</i> , Charnley, pp. 227-229, 1957.
		<i>External Fixation - The Current State of the Art</i> , Brooker et al., p. 308, 1979.
		<i>Current Concepts of External Fixation of Fractures</i> , Uhthoff, pp. 96 and 143, 1982.
<i>Q</i>		<i>Limb Lengthening Surgical Technique Using the Hoffmann™ External Fixation Device (Howmedica Surgical Technique)</i> , Howmedica, Inc., pp. 1-27, 1983.

EXAMINER

Ben Cantu

DATE CONSIDERED

8/22/05



SHEET 2 OF 19

FORM PTO-1449

INFORMATION DISCLOSURE
CITATION IN AN APPLICATIONDOCKET NUMBER
ACM 347APPLICATION NUMBER
10/734,017APPLICANTS
Randall J. Huebner and Steven P. HorstFILING DATE
December 10, 2003

GROUP ART UNIT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
OC	2,238,870	4/15/41	Haynes			
	2,245,909	6/17/41	Enfajian			
	2,250,417	7/22/41	Ettinger			
	2,251,209	7/29/41	Stader			
	2,252,607	8/12/41	Baker			
	2,333,033	10/26/43	Mraz			
	2,346,346	4/11/44	Anderson			
	2,357,323	9/5/44	Goldberg			
	2,371,519	3/13/45	Haynes			
OC	2,391,537	12/25/45	Anderson			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
OC	24 37 752	2/26/76	Germany				XX
OC	27 45 504	4/19/79	Germany			XX	


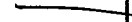







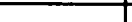


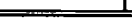







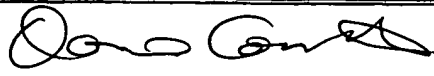
OTHER DOCUMENTS

OC		<i>External Skeletal Fixation</i> , Mears, pp. 6, 40 and 41, 1983.
		<i>Clyburn Dynamic Colles Fixator</i> brochure, Zimmer, Inc., pp. 1-4, 1985.
		<i>Instruments for Lengthening of Extremities</i> brochure page, Synthes, May 1987.
OC		<i>Distal Radius Fractures</i> , Agee, <u>External Fixation</u> , Vol. 9, No. 4, pp. 577-585, Nov. 1993.















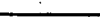


















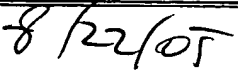
EXAMINER



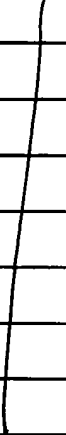
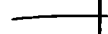

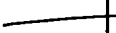

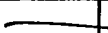

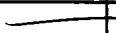

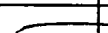

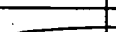



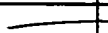







DATE CONSIDERED

8/22/05

FORM PTO-1449		DOCKET NUMBER ACM 347		APPLICATION NUMBER 10/734,017		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Randall J. Huebner and Steven P. Horst				
		FILING DATE December 10, 2003		GROUP ART UNIT		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	2,391,693	12/25/45	Ettinger			
	2,393,694	1/29/46	Kirschner			
	2,393,831	1/29/46	Stader			
	2,393,982	2/5/46	Giesen			
	2,406,987	9/3/46	Anderson			
	2,434,431	1/13/48	Pincock			
	2,435,850	2/10/48	Siebrandt			
	2,443,106	6/8/48	Grosso			
	2,497,626	2/14/50	Persall			
	2,651,302	9/8/53	Berry			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	36 14 305	11/12/87	Germany			XX
	40 21 246	1/9/92	Germany			XX
OTHER DOCUMENTS						
		External Fixation Shows Procedure Growth, <u>Orthopedic Network News</u> , Vol. 6, No. 2, pp. 7-11, April 1995.				
		A Simple External Fixator for Use in Metacarpal and Phalangeal Fractures: A Technique Paper, Sochart et al., <u>Journal of Orthopaedic Trauma</u> , Vol. 9, No. 4, pp. 333-335, 1995.				
		Supereleastic Nitinol for Medical Devices, Duerig et al., <u>Medical Plastics and Biomaterials Magazine</u> , internet reprint pp. 1-9, March 1997.				
EXAMINER			DATE CONSIDERED			
			8/22/05			

FORM PTO-1449		DOCKET NUMBER ACM 347		APPLICATION NUMBER 10/734,017		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Randall J. Huebner and Steven P. Horst				
		FILING DATE December 10, 2003		GROUP ART UNIT		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL DATE IF APPROP.
<i>Q</i>	2,697,433	12/21/54	Zehnder	<u> </u>	<u> </u>	
<i> </i>	2,812,761	11/12/57	Palkovitz	<u> </u>	<u> </u>	
<i> </i>	2,823,668	2/18/58	Van Court et al.	<u> </u>	<u> </u>	
<i> </i>	2,943,859	7/5/60	Koski et al.	<u> </u>	<u> </u>	
<i> </i>	3,128,768	4/14/64	Geistauts	<u> </u>	<u> </u>	
<i> </i>	3,164,152	1/5/65	Nicoll	<u> </u>	<u> </u>	
<i> </i>	3,244,170	4/5/66	McElvenny	<u> </u>	<u> </u>	
<i> </i>	3,403,676	10/1/68	Gibbons	<u> </u>	<u> </u>	
<i> </i>	3,643,656	2/22/72	Young et al.	<u> </u>	<u> </u>	
<i>Q</i>	3,654,919	4/11/72	Birtwell	<u> </u>	<u> </u>	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
<i>Q</i>	2 047 540	12/3/80	United Kingdom	<u> </u>	<u> </u>	XX
<i>Q</i>	2 086 231	5/12/82	United Kingdom	<u> </u>	<u> </u>	XX
OTHER DOCUMENTS						
<i>Q</i>		Introducing the DFS® MultiPlanar™ Distal Radius Fixation System brochure, EBI Medical Systems, Inc., pp. 15, January 1998.				
<i>Q</i>		Introducing the DFS Dimension™ Distal Radius Fixation System brochure, EBI Medical Systems, Inc., pp. 1-2, September 1998.				
<i>Q</i>		Nitinol Solutions brochure, Raychem Corporation, pp. 1-6, April 1999.				
EXAMINER <i>[Signature]</i>			DATE CONSIDERED <i>8/22/05</i>			

FORM PTO-1449		DOCKET NUMBER ACM 347		APPLICATION NUMBER 10/734,017			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Randall J. Huebner and Steven P. Horst					
		FILING DATE December 10, 2003		GROUP ART UNIT			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
	3,701,349	10/31/72	Larson				
	3,709,218	1/9/73	Halloran				
	3,745,998	7/17/73	Rose				
	3,762,404	10/2/73	Sakita				
	3,771,519	11/13/73	Haake				
	3,786,805	1/22/74	Tourin				
	3,835,849	9/17/74	McGuire				
	3,862,631	1/28/75	Austin				
	3,868,952	3/4/75	Hatton				
	3,901,225	8/26/75	Sconce				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
	2 219 742	12/20/89	United Kingdom			XX	
	WO 96/35385	11/14/96	WIPO			XX	
OTHER DOCUMENTS							
		Stableloc® External Fixation Systems brochure, Acumed LLC, pp. 1-8, July 1999.					
		The Pennig Dynamic Wrist Fixator (Trans-Articular Application) quick reference guide, Orthofix, pp. 1-8, December 2000.					
		The Radiolucent Wrist Fixator quick reference guide, Orthofix, pp. 1-3, March 2001.					
EXAMINER 			DATE CONSIDERED 				

FORM PTO-1449		DOCKET NUMBER ACM 347		APPLICATION NUMBER 10/734,017			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Randall J. Huebner and Steven P. Horst					
		FILING DATE December 10, 2003		GROUP ART UNIT			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
	3,961,854	6/8/76	Jaquet				
	3,975,032	8/17/76	Bent et al.				
	4,003,096	1/18/77	Frey				
	4,024,860	5/24/77	Chelnokov et al.				
	4,040,130	8/9/77	Laure				
	4,096,857	6/27/78	Cramer et al.				
	4,127,119	11/28/78	Kronner				
	4,135,505	1/23/79	Day				
	4,157,713	6/12/79	Clarey				
	4,185,624	1/29/80	Gentile				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
OTHER DOCUMENTS							
		<i>The Pennig Dynamic Wrist Fixator (Extra-Articular Application)</i> quick reference guide, Orthofix, pp. 1-4, March 2001.					
		<i>History of External Fixation, Complications of External Skeletal Fixation</i> , pp. 3-11, date unknown.					
		<i>Fractures in the Pectoral Limb</i> , p. 143, date unknown.					
EXAMINER 			DATE CONSIDERED 8/22/05				

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
		APPLICANTS Randall J. Huebner and Steven P. Horst	
		FILING DATE December 10, 2003	GROUP ART UNIT

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
Ⓢ	4,187,841	2/12/80	Knutson	—	—	
	4,220,146	9/2/80	Cloutier	—	—	
	4,244,360	1/13/81	Dohogne	—	—	
	4,258,708	3/31/81	Gentile	—	—	
	4,266,298	5/12/81	Graziano	—	—	
	4,271,832	6/9/81	Evans et al.	—	—	
	4,299,212	11/10/81	Goudfrooy	—	—	
	4,308,863	1/5/82	Fischer	—	—	
	4,319,565	3/16/82	McMinn	—	—	
Ⓢ	4,338,923	7/13/82	Gelfer et al.	—	—	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION		
					YES	NO	

OTHER DOCUMENTS		
Ⓢ		<i>General Principles of Fracture Treatment</i> , p. 171, date unknown.
Ⓢ		<i>The Use of Mini Fixation in the Hand</i> , Asche, <u>Clinical Techniques in Upper Extremity</u> , pp. 505-520, date unknown.
Ⓢ		<i>Richard Colles Fracture Frame</i> description page, Smith & Nephew, p. K-4, date unknown.

EXAMINER	DATE CONSIDERED <i>8/22/05</i>
----------	--------------------------------

FORM PTO-1449		DOCKET NUMBER ACM 347		APPLICATION NUMBER 10/734,017		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Randall J. Huebner and Steven P. Horst				
		FILING DATE December 10, 2003		GROUP ART UNIT		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
ee	4,338,927	7/13/82	Volkov et al.			
	4,349,017	9/14/82	Sayegh			
	4,393,868	7/19/83	Teague			
	4,409,970	10/18/83	Carrel			
	4,450,834	5/29/84	Fischer			
	4,475,546	10/9/84	Patton			
	4,483,334	11/20/84	Murray			
	4,488,542	12/18/84	Helland			
	4,502,473	3/5/85	Harris et al.			
ee	4,535,763	8/20/85	Jaquet			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
ee		Large Lengthening Set and Small Lengthening Set brochure pages, Synthes, pp. 61-64, date unknown.				
ee		Tibial Lengthening Surgical Technique Stage II description page, p. 9, origin, author, and date unknown.				
ee		Fig. 7.1: Large Lengthener Positioned in Femur and Fig. 7.2: Small Lengthener Positioned in Tibia, p. 7-2, origin, author, and date unknown.				
EXAMINER			DATE CONSIDERED			
[Signature]			8/22/05			

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
		APPLICANTS Randall J. Huebner and Steven P. Horst	
		FILING DATE December 10, 2003	GROUP ART UNIT























U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
α	4,541,422	9/17/85	De Zbikowski			
	4,548,199	10/22/85	Agee			
	4,584,995	4/29/86	Koeneman			
	4,611,586	9/16/86	Agee et al.			
	4,620,533	11/4/86	Mears			
	4,621,624	11/11/86	Rayboy			
	4,621,627	11/11/86	DeBastiani et al.			
	4,628,919	12/16/86	Clyburn			
	4,628,921	12/16/86	Rousso			
α	4,628,922	12/16/86	Dewar			

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO

OTHER DOCUMENTS		
α		6.13.4.2 Application Technique of the Large Apparatus in the Femur description page, p. 347, origin, author, and date unknown.

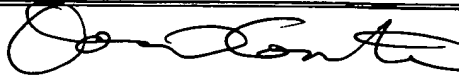
EXAMINER	DATE CONSIDERED 8/22/05
----------	-------------------------

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
		APPLICANTS Randall J. Huebner and Steven P. Horst	
		FILING DATE December 10, 2003	GROUP ART UNIT

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,628,945	12/16/86	Johnson, Jr.			
	4,657,003	4/14/87	Wirtz			
	4,662,364	5/5/87	Viegas et al.			
	4,662,365	5/5/87	Gotzen et al.			
	4,664,099	5/12/87	Pearl, Jr.			
	4,696,293	9/29/87	Ciullo, Jerome V.			
	4,714,076	12/22/87	Comte et al.			
	4,730,608	3/15/88	Schlein			
	4,745,913	5/24/88	Castaman et al.			
	4,747,400	5/31/88	Koeneman et al.			

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION		
					YES	NO	

OTHER DOCUMENTS		

EXAMINER 	DATE CONSIDERED 8/22/05
--	-------------------------

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017	
		APPLICANTS Randall J. Huebner and Steven P. Horst		
		FILING DATE December 10, 2003		GROUP ART UNIT



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,823,781	4/25/89	Buchanan	_____	_____	
	4,848,368	7/18/89	Kronner	_____	_____	
	4,862,879	9/5/89	Coombs	_____	_____	
	4,869,242	9/26/89	Galluzzo	_____	_____	
	4,895,141	1/23/90	Koeneman et al.	_____	_____	
	4,913,137	4/3/90	Azer et al.	_____	_____	
	4,922,896	5/8/90	Agee et al.	_____	_____	
	4,923,458	5/8/90	Fischer	_____	_____	
	4,936,843	6/26/90	Sohngen	_____	_____	
	4,941,481	7/17/90	Wagenknecht	_____	_____	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	

OTHER DOCUMENTS		


EXAMINER	DATE CONSIDERED 8/22/05
----------	-------------------------

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017	
		APPLICANTS Randall J. Huebner and Steven P. Horst		
		FILING DATE December 10, 2003		GROUP ART UNIT



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,942,872	7/24/90	Jawish	_____	_____	
	4,976,712	12/11/90	VanderSlik	_____	_____	
	4,978,348	12/18/90	Ilizarov	_____	_____	
	4,988,349	1/29/91	Pennig	_____	_____	
	4,998,935	3/12/91	Pennig	_____	_____	
	5,003,969	4/2/91	Azer et al.	_____	_____	
	5,014,681	5/14/91	Neeman et al.	_____	_____	
	5,019,077	5/28/91	De Bastiani et al.	_____	_____	
	5,024,618	6/18/91	Tepic	_____	_____	
	5,026,372	6/25/91	Sturtzkopf et al.	_____	_____	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION		
					YES	NO	

OTHER DOCUMENTS		


EXAMINER 	DATE CONSIDERED 8/22/05
---	----------------------------


FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017	
		APPLICANTS Randall J. Huebner and Steven P. Horst		
		FILING DATE December 10, 2003	GROUP ART UNIT	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,033,457	7/23/91	Bonutti	_____	_____	
	5,042,508	8/27/91	Richard	_____	_____	
	5,098,432	3/24/92	Wagenknecht	_____	_____	
	5,100,403	3/31/92	Hotchkiss et al.	_____	_____	
	5,102,411	4/7/92	Hotchkiss et al.	_____	_____	
	5,108,393	4/28/92	Ruffa	_____	_____	
	5,108,394	4/28/92	Kurokawa et al.	_____	_____	
	5,108,396	4/28/92	Lackey et al.	_____	_____	
	5,108,404	4/28/92	Scholten et al.	_____	_____	
	5,122,140	6/16/92	Asche et al.	_____	_____	



FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION		
					YES	NO	

OTHER DOCUMENTS		

EXAMINER 	DATE CONSIDERED 8/22/05
---	----------------------------

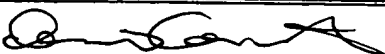
FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION			DOCKET NUMBER ACM 347		APPLICATION NUMBER 10/734,017		
			APPLICANTS Randall J. Huebner and Steven P. Horst				
			FILING DATE December 10, 2003		GROUP ART UNIT		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
E	5,125,400	6/30/92	Johnson, Jr.	—	—		
	5,133,342	7/28/92	Seaton	—	—		
	5,152,280	10/6/92	Danieli	—	—		
	5,160,335	11/3/92	Wagenknecht	—	—		
	5,167,661	12/1/92	Wagenknecht	—	—		
	5,171,310	12/15/92	Chisena	—	—		
	5,203,783	4/20/93	Harle	—	—		
	5,207,676	5/4/93	Canadell et al.	—	—		
	5,209,750	5/11/93	Stef	—	—		
E	5,254,078	10/19/93	Carter et al.	—	—		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
OTHER DOCUMENTS							
EXAMINER			DATE CONSIDERED				
			8/22/05				

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
		APPLICANTS Randall J. Huebner and Steven P. Horst	
		FILING DATE December 10, 2003	GROUP ART UNIT



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,267,951	12/7/93	Ishii	_____	_____	
	5,275,599	1/4/94	Zbikowski et al.	_____	_____	
	5,281,224	1/25/94	Faccioli et al.	_____	_____	
	5,284,468	2/8/94	Nelson	_____	_____	
	5,286,249	2/15/94	Thibodaux	_____	_____	
	5,288,286	2/22/94	Davis et al.	_____	_____	
	5,292,322	3/8/94	Faccioli et al.	_____	_____	
	5,300,072	4/5/94	Aghion	_____	_____	
	5,304,177	4/19/94	Pennig	_____	_____	
	5,314,426	5/24/94	Pohl et al.	_____	_____	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION		
					YES	NO	

OTHER DOCUMENTS		


EXAMINER 	DATE CONSIDERED 8/22/05
--	-------------------------

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
		APPLICANTS Randall J. Huebner and Steven P. Horst	
		FILING DATE December 10, 2003	GROUP ART UNIT
























U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,320,622	6/14/94	Faccioli et al.			
	5,320,623	6/14/94	Pennig			
	5,330,474	7/19/94	Lin			
	5,334,202	8/2/94	Carter			
	5,342,288	8/30/94	Lee et al.			
	5,342,360	8/30/94	Faccioli et al.			
	5,352,228	10/4/94	Kummer et al.			
	5,376,067	12/27/94	Daneshvar			
	5,380,322	1/10/95	van den Brink et al.			
		5,383,844	1/24/95	Munoz et al.		

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION		
					YES	NO	

OTHER DOCUMENTS		

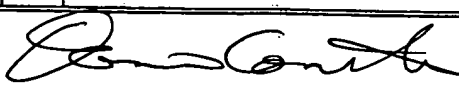
EXAMINER 	DATE CONSIDERED 8/22/05
--	-------------------------

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
		APPLICANTS Randall J. Huebner and Steven P. Horst	
		FILING DATE December 10, 2003	GROUP ART UNIT



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,407,421	4/18/95	Goldsmith			
	5,437,666	8/1/95	Tepic et al.			
	5,443,465	8/22/95	Pennig			
	5,571,103	11/5/96	Bailey			
	5,601,551	1/22/97	Taylor et al.			
	5,620,442	4/15/97	Bailey et al.			
	5,643,258	7/1/97	Robioneck et al.			
	5,658,283	8/19/97	Huebner			
	5,662,648	9/2/97	Faccioli et al.			
	5,662,650	9/2/97	Bailey et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS		

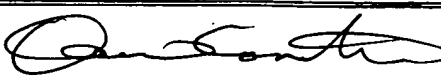
EXAMINER 	DATE CONSIDERED 8/22/05
--	-------------------------




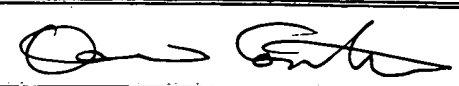
FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347		APPLICATION NUMBER 10/734,017	
		APPLICANTS Randall J. Huebner and Steven P. Horst			
		FILING DATE December 10, 2003		GROUP ART UNIT	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,683,389	11/4/97	Orsak	_____	_____	
	5,709,681	1/20/98	Pennig	_____	_____	
	5,718,669	2/17/98	Marble	_____	_____	
	5,743,898	4/28/98	Bailey et al.	_____	_____	
	5,810,750	9/22/98	Buser	_____	_____	
	5,897,555	4/27/99	Clyburn et al.	_____	_____	
	5,944,719	8/31/99	Leban	_____	_____	
	6,162,223	12/19/00	Orsak et al.	_____	_____	
	6,203,548	3/20/01	Helland	_____	_____	
	6,245,071	6/12/01	Pierson	_____	_____	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION		
					YES	NO	

OTHER DOCUMENTS		

EXAMINER 	DATE CONSIDERED <u>8/22/05</u>
--	--------------------------------

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION			DOCKET NUMBER ACM 347		APPLICATION NUMBER 10/734,017	
			APPLICANTS Randall J. Huebner and Steven P. Horst			
			FILING DATE December 10, 2003		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	Re. 31,809	1/22/85	Danieletto et al.	—	—	
	Re. 34,627	5/31/94	Davini	—	—	
	Re. 34,985	6/27/95	Pennig	—	—	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER		DATE CONSIDERED  8/22/05				



SHEET 1 OF 1

INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347		APPLICATION NUMBER 10/734,017		
		APPLICANT(S) Randall J. Huebner and Steven P. Horst				
		FILING DATE December 10, 2003		GROUP ART UNIT 3732		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>a</i>	4,615,338	10/7/1986	Ilizarov et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER	<i>Car. J. L. L. L.</i>			DATE CONSIDERED 8/22/05		

IFW Reference Manager

re: 1449 filed 11/18/04

Application Number:

* See comments
in action *

Application Number 10/734,017

Testing 836261 - Form PTO-1449, 09-MAR-2004, Paper Number 20041118

Document Number	Date	Inventor Names	Classification
US-3,409,013	11-1968	HENRY BERRY	606/1
US-3,587,115	06-1971	No data	623/2.38
US-3,671,979	06-1972	Mouloupoulos, Spyridon	623/2.11
US-3,755,823	09-1973	Hancock, Warren D.	623/2.18
US-4,056,854	11-1977	Boretos et al.	623/2.18
US-4,612,011	09-1986	Kautzky, Hans	623/2.1
US-4,631,052	12-1986	Kensey, Kenneth R.	604/22
US-4,733,685	03-1988	Bron, Dan	137/119.06
US-4,748,803	06-1988	MacMaster et al.	56/372
US-4,777,951	10-1988	Cribier et al.	606/194
US-4,799,629	01-1989	Mori, Kei	244/23C
US-4,859,516	08-1989	Yamanaka et al.	428/92
US-4,875,495	10-1989	Wheless, Jack C.	131/110
US-4,883,458	11-1989	Shiber, Samuel	604/22
US-4,979,939	12-1990	Shiber, Samuel	606/159
US-4,994,077	02-1991	Dobben, Richard L.	623/2.2
US-478,495	07-1892	Name not available	514/311
US-478,899	07-1892	Name not available	89/37.05
US-496,604	05-1893	Name not available	472/62
US-5,007,896	04-1991	Shiber, Samuel	604/22
US-5,011,488	04-1991	Ginsburg, Robert	606/159
US-5,026,366	06-1991	Leckrone, Michael E.	606/7
US-5,032,128	07-1991	Alonso, Manuel T.	623/2.41
US-5,047,041	09-1991	Samuels, Peter B.	606/159
US-5,080,660	01-1992	Buelna, Terrence J.	606/45
US-5,089,015	02-1992	Ross, Donald N.	606/144
US-5,152,771	10-1992	Sabbaghian et al.	606/159
US-5,167,628	12-1992	Boyles, Paul W.	604/103.07
US-5,295,958	03-1994	Shturman, Leonid	604/103.07
US-5,593,405	01-1997	Osypka, Peter	606/15

ee

ee = considered

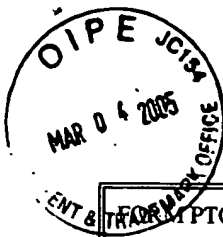
EAST Search String:

See Comments

8/22/05

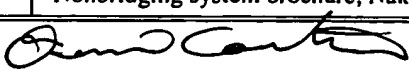
("3409013"|"3587115"|"3671979"|"3755823"|"4056854"|"4612011"|"4631052"|"4733685"|"4748803"|"4777951"|"4799

http://expoweb1:8001/cgi-bin/expo_beta/PriorArt/ePhoenix.pl?appl_id=10/734,017&frm_ty=1449&rec_dt=... 8/22/05



SHEET 1 OF 3

INFORMATION DISCLOSURE CITATION IN AN APPLICATION			DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017		
			APPLICANTS Randall J. Huebner and Steven P. Horst			
			FILING DATE December 10, 2003	GROUP ART UNIT 3732		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>el</i>	4,782,842	11/8/88	Fietti, Jr.			
	5,437,667	8/1/95	Papierski et al.			
	5,545,162	8/13/96	Huebner			
	5,624,440	4/29/97	Huebner			
	5,662,649	9/2/97	Huebner			
	5,976,134	11/2/99	Huebner			
	6,162,224	12/19/00	Huebner			
<i>el</i>	6,171,309	1/9/01	Huebner			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
<i>el</i>	782.462	6/5/35	France			XX
OTHER DOCUMENTS						
<i>el</i>		<i>Dynamic External Fixation for Comminuted Intra-Articular Fractures of the Distal End of the Radius</i> , Clyburn, <i>Journal Bone & Joint Surgery</i> , Vol. 69, No. 2, pp. 248-254, February 1987 (abstract only included).				
<i>el</i>		<i>Dynamic External Fixation of Distal Radius Fractures</i> , Pennig, <i>Hand Clinic</i> , Vol. 9, No. 4, pp. 587-602, November 1993 (abstract only included).				
<i>el</i>		<i>Dynamic External Fixation of Unstable Fractures of the Distal Part of the Radius. A Prospective, Randomized Comparison with Static External Fixation</i> , Sommerkamp et al., <i>Journal of Bone & Joint Surgery</i> , Vol. 76, No. 8, pp. 1149-1161, 1994 (abstract only included).				
<i>el</i>		Stableloc™ surgical technique, Acumed, Inc., June 26, 1995.				
<i>el</i>		Small Bone Fixator surgical technique, Acumed, Inc., November 16, 1995.				
<i>el</i>		Colles Gold surgical reference guide, Smith & Nephew Orthopaedics, 1995.				
EXAMINER <i>David E. Smith</i>			DATE CONSIDERED <i>8/22/05</i>			

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017			
		APPLICANTS Randall J. Huebner and Steven P. Horst				
		FILING DATE December 10, 2003	GROUP ART UNIT 3732			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
a		Outcome Following Nonoperative Treatment of Displaced Distal Radius Fractures in Low-Demand Patients Older Than 60 Years, Young et al., <u>Journal of Hand Surgery</u> , Vol. 25A, No. 1, pp. 19-28, January 2000.				
a		Distal Radial Metaphyseal Forces in an Extrinsic Grip Model: Implications for Postfracture Rehabilitation, Putnam et al., <u>Journal of Hand Surgery</u> , Vol. 25A, No. 3, , pp. 469-475, May 2000.				
e2		Adjustable Distal Radius Fixator technique guide, Synthes, 2000.				
e2		Extremity Screw internet description, Acumed, Inc., internet print date February 15, 2001.				
01		Fractures of the Distal Aspect of the Radius: Changes in Treatment Over the Past Two Decades, Simic et al., <u>Journal of Bone & Joint Surgery</u> , Vol. 85-A, No. 3, pp. 552-564, March 2003.				
02		CPX Cross Pin Distal Radial External Fixation System surgical technique, A.M. Surgical, September 2004.				
02		Nonbridging system brochure, Nakashima Medical, date unknown.				
EXAMINER						
			DATE CONSIDERED 8/22/05			